ABSTRACT

The invention provides a method for producing a solid electrolytic capacitor reliable with good LC value after mounting, wherein a solid electrolytic capacitor element comprises an anode body composed of a material containing at least one selected from a group consisting of an earth-acid metal, an alloy comprising an earth-acid metal as the main component, an electrically conducting oxide of an earth-acid metal and a mixture of two or more thereof, a dielectric layer formed on the anode body by electrolytic oxidation (electrochemical formation) and comprising an oxide as the main component, a semiconductor layer formed on the dielectric layer, and an electrically conducting layer stacked on the semiconductor layer, and the solid electrolytic capacitor element is molded with a resin, cured and then applied voltage (aging) treatment, which method comprises sequentially repeating a step of leaving the resin-molded body to stand at 225 to 305°C and a step of aging it twice or more after the steps of molding with resin and curing.